

The following were developed by Cornell University, New York Agr. Exp. Station, Geneva, New York 14456, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589071. *Malus domestica* Borkh.

Chautauqua. Pedigree - Esopus Spitzenburg X Ben Davis; crossed in 1898; introduced in 1915. Comments:: Fruit: size medium to large; shape roundish, somewhat irregular; skin 90% dark red, striped, greenish ground color; flesh very firm, cream-colored; flavor subacid; eating quality fair; harvest season 10 days after Delicious; storage life at -0.5DC 180 days. Tree: medium vigor; medium productivity; biennial cropping, Red, firm, late.

The following were developed by Martin Ingram, Springfield, Missouri, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589072. *Malus domestica* Borkh.

Ingram. Pedigree - Ralls Janet x ?. Comments:: Fruit: size medium, 60-70 mm; skin 90-100% red, blushed; shape round-conic; flesh very firm, cream-colored; flavor subacid; eating quality fair; harvest season late, 2 wks after Delicious. Tree: upright, productive. Medium-size, fully red, long storage.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589073. *Malus domestica* Borkh.

Dabinett. Comments:: Fruit: Bittersweet cider; size small 40-65 mm; skin 70-90% dull red striped; shape round-oblate; flesh firm, cream-colored; exposed flesh oxidizes quickly; flavor subacid, astringent; eating quality poor; harvest season mid-October. Tree: medium productivity; extremely alternate cropping; fruits drop from tree as they ripen; fire blight susceptibility rating 7. Cider. (PI 150648 received from W. Hopwood, Cheltenham, England in 1945).

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PI 589074. *Malus domestica* Borkh.

Westchester. Pedigree - Ben Davis x Green Newtown; crossed 1898; introduced 1914. Comments:: Fruit: size large, 80 mm; skin 40-80% red, dull stripes, not attractive; shape round-conic, somewhat irregular; flesh semifirm, light yellow; flavor subacid; eating quality fair; harvest season late October, 3 wks after Delicious. Tree: productive; annual cropping; diploid (Proc.Am.Soc.Hort.Sci. 53:177. 1949). Late, mediocre appearance, fair quality. R.D. Way, 1993.

PI 589075. *Malus domestica* Borkh.

Carlton. Pedigree - Montgomery X Red Astrachan. Introduced in 1923; crossed in 1912. Comments:: Fruit: large, round-conic; skin an attractive dark red; flesh white, tender, juicy, sub-acid, of Red Astrachan flavor; home use and roadside markets; ripens 1 mo. later than